MIL-STD-3018
Parts Management

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DSCC-VS

Short History of Parts Management

- The days of MIL-STD-965
- Acquisition Reform
- Parts Management Reengineering Working Group (PMRWG)
- Parts Management Reengineering Implementation Process Team (PMRIPT)
- Parts Standardization and Management Committee (PSMC)

History Continues

- PSMC Project Teams
  - Systems Engineering Team
  - Policy and Contracts Team
  - Tools Development Team
- The creation of MIL-STD-3018
- Associated Data Item Description (DI-SDMP-81748)

Parts Management Defined

MIL-STD-3018 defines Parts Management as the practice of considering the:

- Application
- Standardization
- Technology (both new and aging)
- System reliability, maintainability and supportability
- Cost

WHEN……

Parts Management Defined (continued)

- Selecting Parts and
- Addressing
  - Availability
  - Logistics Support
  - DMSMS
  - Legacy Issues (Lessons Learned)
    - MIL-HDBK-454

"throughout the life of the systems"

MIL-STD-3018 Provisions

- Implements a Parts Management Program on acquisition contracts (new designs and modifications)
- Requires a Parts Management Plan in response to Requests for Proposals
- Provides for a Parts Management Advisory Team (PMAT)
- Contains the required Parts Management elements
- Provides an order of preference for part selection

Parts Management Advisory Team (PMAT)

- Program and commodity specialists
- Available to both the Acquisition Activity and contractor
- Provide recommendations on Parts Management plans and processes
- Provide recommendations on selection and use of preferred parts, as requested

Parts Management Elements

- Parts Selection Baseline
- Parts selection and authorization process
- Obsolescence Management
- Parts List
- Subcontractor management
- Part and supplier quality
- Part level documentation procedures
- Substitute and alternate part procedures
- Customer-contractor teaming
- Additional elements (e.g., lead free, counterfeit)

Order of Preference

- Parts required to meet Government regulatory requirements.
- Industry standard parts from DoD adopted non-Government standards, when suitable.
- Military and other Government standard parts.
- DoD commonly available parts.
- Industry standard parts from other non-Government standards, when suitable.

Order of Preference (continued)

- Commonly available manufacturer's part numbers from catalogs and/or Vendor Item Drawings, when suitable.
- Other (e.g. parts documented on source control drawings, selected item drawings, altered item drawings).

Where are we going?

- Continue to push for a policy statement.
- Provide education on and implement the Parts Management Program.
- Continue to develop automated tools.